



# NITHYA SRI R

Software Intern

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## SUMMARY

A Motivated and ambitious software intern, eager to kickstart a career in the tech industry. With a strong commitment to learning and growth, I'm seeking an entry-level position to develop practical skills and gain invaluable hands-on experience. Dedicated to contributing to a dynamic team and actively expanding my knowledge in the field.

## EDUCATION

Bachelor of Engineering -Electronics and Communication Engineering

2021 - 2025

Sri Shakthi Institute of Engineering and Technology

- Concentrations: Computer science, System design, Data Structures,and Web Development
- CGPA-8.26
- Related Coursework: Introduction to Programming (C++ and Java), Object oriented Programming, Relational Database Management System, Full Stack,operating systems

## SKILLS

### TECHNICAL SKILLS

- Java
- Full Stack
- Cloud Computing-Beginner
- PowerBi/SSIS

### TOOLS

- Node.js,Express.js
- Git,React
- Bootstrap
- Matlab

### DATABASES

- MySql
- Nosql-MongoDB

## CERTIFICATIONS

(Dec 2023-Mar 2024)-Full Stack, Indira Institute of Education  
(Jul 2023-Aug 2023) -AWS Cloud Fundamentals,Nimbusgurus  
(Dec 2023-Dec 2023)-Social Entrepreneurship Intern

## LANGUAGES

- English (Experienced)
- Tamil (Experienced)
- Hindi (Intermediate)

## PROJECTS

### Orphanage Management System

- The Orphanage Management System incorporates DAO for data access abstraction and adopts the MVC architecture, ensuring structured development.
- Integration of Java with MySQL enables efficient data management, facilitating simplified administrative tasks, enhanced donation tracking, and optimized volunteer scheduling within the orphanage.

### Memory Maestro Game

- Implemented a digital rendition of the Memory game with dynamic features including escalating difficulty levels and high score tracking, leveraging JavaScript(jQuery), HTML, and CSS for responsive UI and audio feedback.
- Utilized user-friendly controls and intuitive gameplay mechanics to enhance player engagement and enjoyment.

### QR Code Generator

- This Node.js project generates QR codes from user-provided URLs via an interactive command-line interface. It utilizes inquirer for input prompts and qr-image for QR code creation.
- This streamlined tool simplifies QR code creation and management, allowing users to input a URL, which is converted into a QR code image and saved alongside the URL for easy access and sharing.

## **PATIENT MONITORING SYSTEM**

- Developed a web-based Patient Monitoring System using Node.js, Express.js, and SQLite to enable real-time input, storage, and visualization of vital health data.
  - Implemented secure data storage and basic alerts for abnormal readings to enhance patient engagement and health data management.
  - Implemented secure data storage, basic alerts, and RESTful API endpoints with data validation and error handling to enhance patient engagement and health data management.
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## **ACHIEVEMENTS**

- Achieved a scholarship awarded by the Central Government by excelling in the NMMS examination.
  - Attained certification through completion of five exams administered by the Dakshin Bharath Hindi Prachar Sabha.
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